Total Ownership Cost

Simulation and Modeling for
Acquisition, Requirements, and Training

SMART CONFERENCE 2000

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US Army Cost and

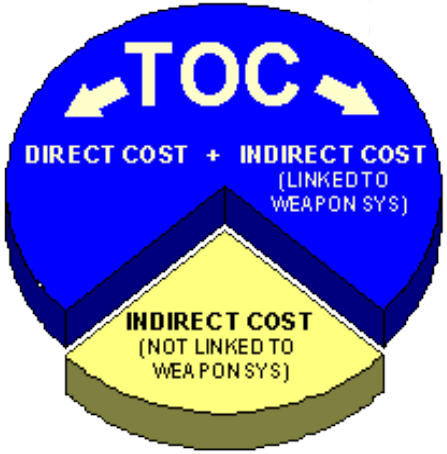
SMART Conference 2000 Theme

SMART CONFERENCE 2000

- **Theme: Breaking Boundaries; Forging a Digital Cult**
21st Century.

US Army Cost and

TOC Definition



Total Ownership Cost includes all costs associated with the research, development, procurement, operation, logistical support and disposal of an individual weapon system including the total supporting infrastructure that plans, manages and executes that weapon system program over its full life.

And: "The cost of requirements for common support items and systems that are incurred because of introduction of that weapon system."

But: "Excludes indirect "non-linked" infrastructure costs that are not affected by individual weapon systems' development, introduction, deployment or operations."

US Army Cost and

SMART 2000 Conference Breakouts

- **Joint Collaboration**
- **M&S Reuse: Mission Rehearsal/Operation Testing/Tr**
- **Total Ownership Cost (TOC)**
- **M&S Technology & Tools**

US Army Cost and

Total Ownership Cost (TOC)

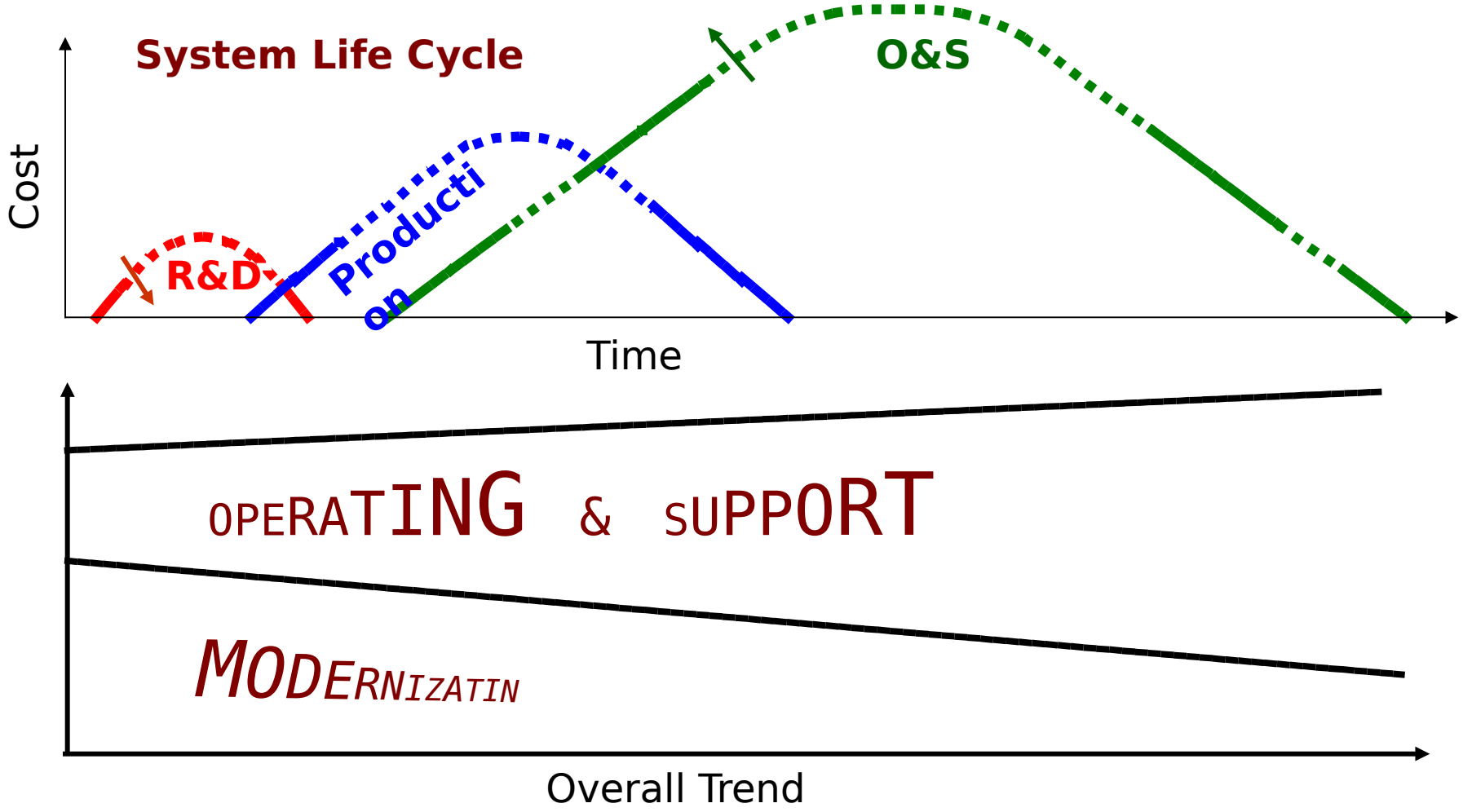
- **TOC Chairs: Mr. Robert Young (CEAC)**
  Mr. Jim Caudle (PEO Aviation)

- **TOC Objective: Increase the knowledge base on w**
  already exist to enable developers to model and si
  Total Ownership Costs.

Cost Developers → **TOC Estimates** $

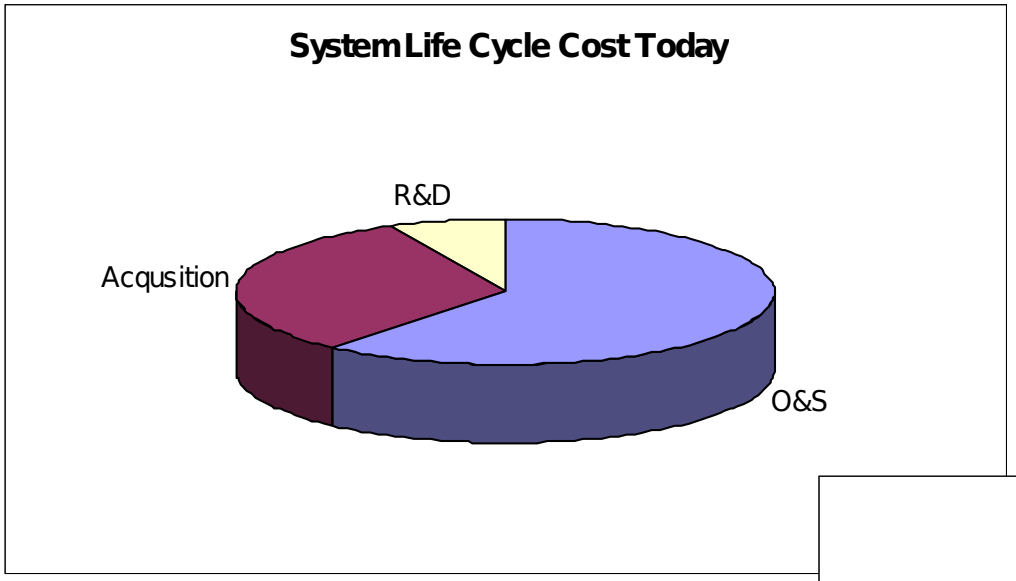
US Army Cost and

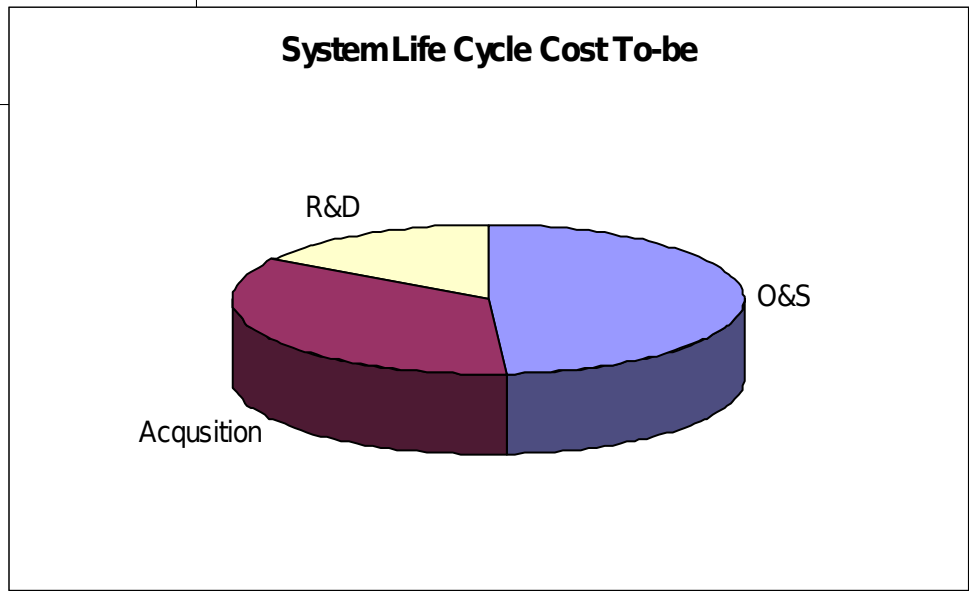
Why TOC?



US Army Cost and

System Life Cycle Cost





US Army Cost and

TOC Presentation 1

- **Topic: Economic Opportunity Operating Space: A M**
  Identifying and Controlling Saving

- **Presenter: Dr. Lew Fichter, Tecolote Research Corp**

•**Phone: (256) 895-0373**
•**Email: Lfichter@hsv.tecolote.com**

US Army Cost and

TOC Presentation 2

- **Tools for reducing TOC in Acquisitions. (Looks at 2 models)**

  a) Computerized Optimization Model for Predictin and Analyzing Support Structures (COMPASS)

  b) Logistics Cost Estimating Tool (LCET)

- **Presenter: Bernard Price, CECOM**
  - **Phone: (732) 532-8752 DSN 992-8752**
  - **Email: Priceb@mail1.MONMOUTH.ARMY.MIL**

US Army Cost and

TOC Presentation 3

- **Topic: Fleet Sight: Meeting the Challenge to Total Ow**
- **Presenter: Decision Dynamics.**

US Army Cost and